

Hollinger Public Blast Report

Blast Pattern: 3328_067
Date: 25-Jul-20
Blast Time: 11:41
Blast Sign Activation: 7:25
Website Notification Time: 7:08

Blast Conditions

Ceiling Height: 7874 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: SW
Temperature: 25.2 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 57.4 LAeq | 105.8 dB |
| Edwards: | 52.4 LAeq | 103.6 dB |
| Fred: | 48.2 LAeq | 106.1 dB |
| Hollinger Office: | 55.3 LAeq | 110.1 dB |
| Noah: | 58.8 LAeq | 106.2 dB |
| Sandy: | 56.4 LAeq | 106.0 dB |
| Water Tower: | 49.1 LAeq | 114.8 dB |
| Wilson: | 50.8 LAeq | 105.3 dB |

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 19.3 | 19.9 | 37.7 | 39.6 |
| Edwards: | 7.6 | 8.7 | 35.8 | 38.7 |
| Hollinger Office: | 13.2 | 14.2 | 34.9 | 37.6 |
| Sandy: | 12.5 | 15.0 | 18.9 | 20.7 |

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 0.9 | 1.8 |
| Edwards: | 3.7 | 13.3 |
| Hollinger Office: | 0.5 | 0.6 |
| Sandy: | 1.0 | 1.2 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.2 | 0.2 | 0.3 |
| Edwards: | 0.1 | 0.1 | 0.2 |
| Hollinger Office: | 0.3 | 0.2 | 0.4 |
| Hollinger West: | 0.3 | 0.2 | 0.2 |
| Imerys: | 0.4 | 0.3 | 0.5 |
| Noah: | 0.6 | 0.3 | 0.9 |
| Moneta Pumping Station: | 0.8 | 0.4 | 0.6 |
| Sandy: | 0.9 | 0.7 | 1.2 |
| Water Tower: | 0.3 | 0.2 | 0.3 |
| Wilson: | 1.3 | 1.2 | 1.3 |